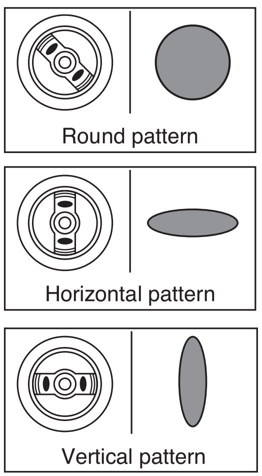
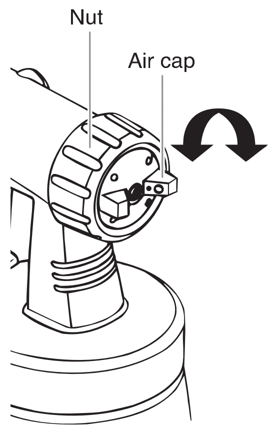
Spraying

Adjust Spray Pattern

The spray pattern shape is adjusted by turning the ears of the air cap to either the vertical, horizontal, or diagonal positions. The positions of the air cap and the corresponding spray pattern shapes are illustrated below.

Test each pattern and use whichever pattern is suitable for your application.

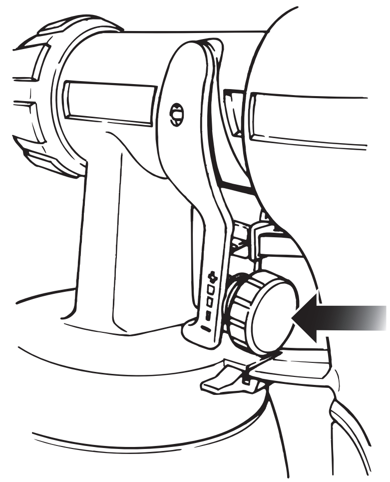




NEVER trigger the gun while adjusting the ears on the air cap. NEVER point the spray gun at any part of the body.

Material Flow Adjustment

Set the material volume by turning the regulator on the trigger of the spray gun.



Proper Spraying Technique

If spraying with an HVLP spray system is new or unfamiliar to you, it is advisable to practice on a piece of scrap wood or cardboard before beginning on your intended workpiece.

Surface Preparation

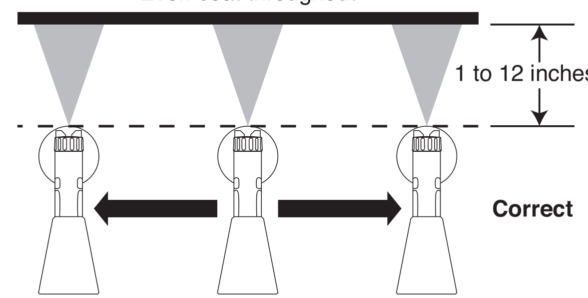
All objects to be sprayed should be thoroughly cleaned before spraying material on them. Areas not to be sprayed may, in certain cases, need to be masked or covered.

Spray Area Preparation

The spray area must be clean and free of dust in order to avoid blowing dust onto your freshly sprayed surface.

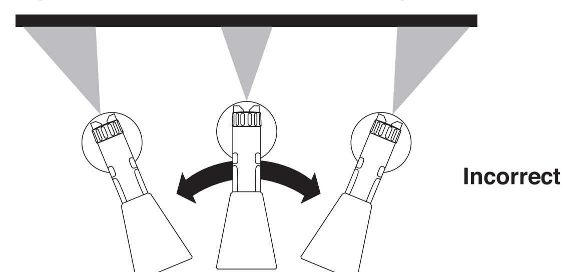
How to Spray Properly

- Position the spray gun perpendicular to and one (1) or more inches from the spray surface, depending upon the spray pattern size desired.
- Spray parallel to the surface with smooth passes at a consistent speed as illustrated below. Doing this will help avoid irregularities in the finish (i. e. runs and sags).
- Always apply a thin coat of material on the first pass and allow to dry before applying a second, slightly heavier coat.



Keep stroke smooth and at an even speed

- When spraying, always trigger the spray gun after spray pass has begun and release trigger before stopping the pass. Always keep the gun pointed squarely at the spray surface and overlap passes slightly to obtain the most consistent and professional finish possible.



Do not flex wrist while spraying.

Cleanup

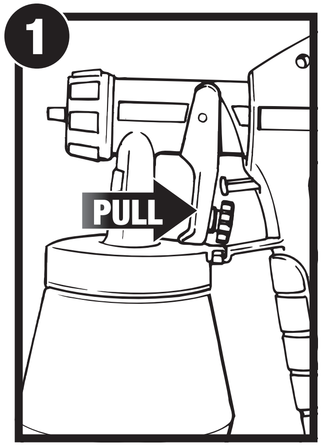
Start Before you begin:

When cleaning, use the appropriate cleaning solution (warm, soapy water for latex materials; mineral spirits for oil-based materials)

IMPORTANT: Never clean nozzle or air holes in the spray gun with sharp metal objects. Do not use solvents or lubricants containing silicone.

Special cleanup instructions for use with flammable solvents (must have a flashpoint above 70ºF (21ºC):

- **Always flush spray gun outside.**
- **Area must be free of flammable vapors.**
- **Cleaning area must be well-ventilated.**
- **Do not submerge turbine!**



1. Unplug the spray gun, and trigger the spray gun so that the material inside the spray gun flows back into the container.

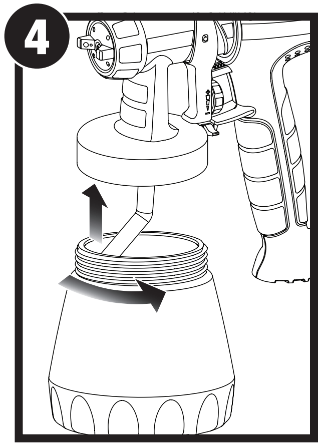


2. Unscrew the container. Empty any remaining material back into the material container.

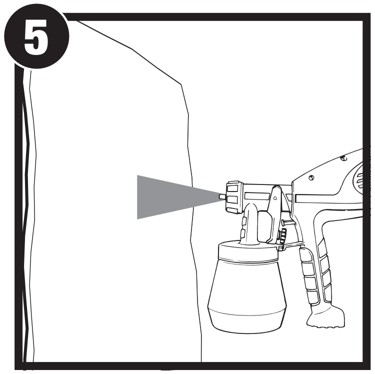


3. Pour a small amount of the appropriate cleaning solution into the cup (warm, soapy water for latex materials; mineral spirits for oil-based materials). **Clean cup and properly dispose of cleaning solution.**

   Refill the cup with **NEW** cleaning solution.

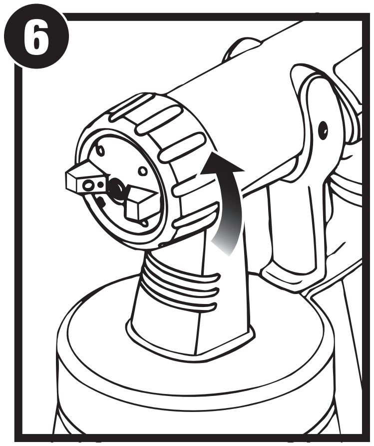


4. Attach the cup to the gun and plug in the sprayer.



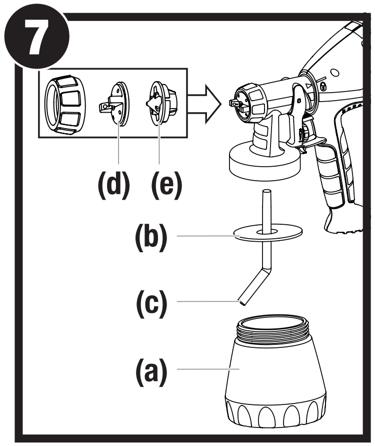
5. Spray the solution through the gun for two seconds in a safe area. Spray again for two seconds.

   Unplug the spray gun, and trigger the spray gun so that the material inside the spray gun flows back into the container.

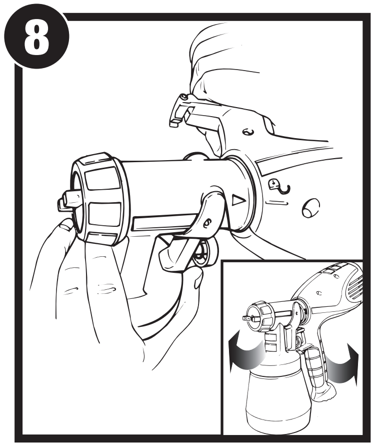


6. Wipe the exterior of the cup and gun until clean.

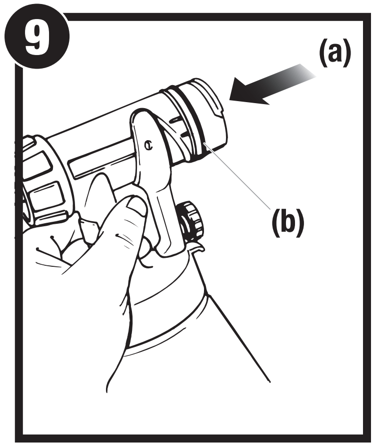
   Unscrew the nut and remove the air cap and nozzle.



7. Clean the container (a), container seal (b), suction tube (c), air cap (d) and nozzle (e) with a cleaning brush and the appropriate cleaning solution.



8. Push the tab below the trigger, twist and separate the spray gun from the turbine.



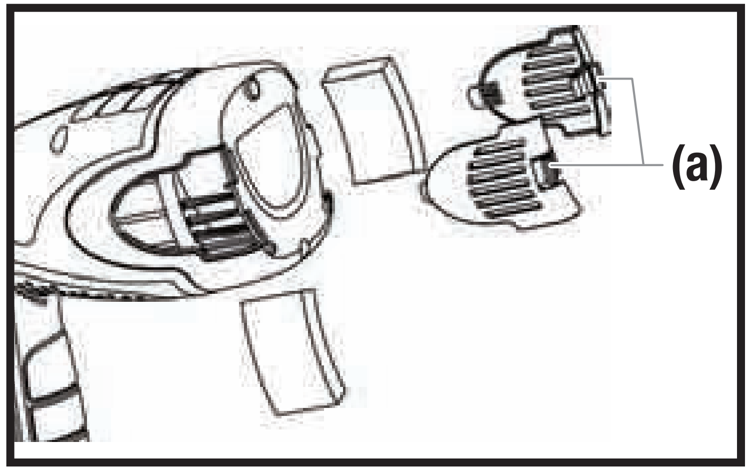
9. Clean the rear of the spray gun (a) with the appropriate cleaning solution. Use a thin layer of petroleum jelly to lubricate the O-ring (b). Reassemble spray gun.

Maintenance

Start **Important:**

You should inspect the air filter in the turbine to see if it is excessively dirty. If it is dirty, follow these steps to replace it.

IMPORTANT: Never operate your unit without the air filters. Dirt could be sucked in and interfere with the function of the unit.



1. Unplug the spray gun. Push the snap levers (a) on the two turbine covers and remove them.
2. Remove the dirty filters and replace with new ones. The smooth side of the air filter must be placed toward the turbine.
3. Secure the covers back onto the turbine.